



# ILLINOIS FIRE SERVICE INSTITUTE (IFSI)

## TRAINING FOR FIREFIGHTERS THROUGHOUT THE STATE AND THE NATION

Since 1925, firefighters and other inter-disciplinary first responders from across the U.S. have relied on IFSI for top quality education and training.

28 acres of hands-on training at the Champaign campus features one of the few locations in the U.S. that still uses live-fire structural burn training.

15,274 class hours delivered to students online, on campus and at regional training centers throughout the state.

65,696 students from Illinois, the U.S. and around the world participate in IFSI programs with 535,594 student hours delivered.

## COURSES OFFERED INCLUDE

- Agricultural Rescue
- Confined Space Rescue
- Rapid Intervention Training (RIT)
- Fire Fighting (Basic to Advanced)
- Hazardous Materials
- National Incident Management System
- Industry Fire Brigade
- Inspection
- Investigation
- National Fire Academy
- Command Officer Training
- Prevention
- Propane, Oil, and Gas Fire Fighting
- Rope Rescue
- Structural Collapse Rescue
- Trench Rescue
- Vehicle and Machinery Rescue
- Wildland Fire Fighting



LRRC

## Online Learning

IFSI has made it a goal of the online programs to offer every Awareness-level course online.

3 delivery methods: self-directed or independent study, blended hybrid courses with online modules and practice at fire departments, and blended courses with online modules and weekend practical application at IFSI.

Firefighter basic certification courses are also provided online.

## Courses offered include:

- Autism Awareness
- Basic Firefighter / NFPA Firefighter I
- Ethanol Awareness
- Fire Apparatus Engineer Online
- Fire Service Vehicle Operator
- Fire Origin and Cause Awareness
- Hazardous Material Awareness Online
- Technical Rescue Awareness

## Certification and Degree Programs:

As the state statutory fire academy, IFSI has high quality classes that meet state and national standards. IFSI also issue certificates for courses in fire fighting and emergency management programs that are approved by state and national agencies at multiple levels.

Since 1 July 2010, in collaboration with Parkland College, college credit is available for many IFSI courses. Classes receive either academic credit or vocational credit.

## Website

<http://www.fsi.illinois.edu/content/distance%20learning/>

## A Commitment to Research

The 21,000 square foot Learning Resource and Research Center (LRRC) houses the Firefighter Life Safety Research Center.

The Institute's research efforts focus on action-oriented studies in firefighter health and wellness, incident management and equipment technologies.

IFSI's research is carried out by experienced scientists who conduct applied research that addresses real-world health and safety challenges facing first responders.

**Research Project Reports** (<http://www.fsi.illinois.edu/content/research/papers/>):

--- Firefighter Fatalities and Injuries – The Role of Heat Stress and PPE (July 2008)

--- The Effects of Fire Fighting and On-Scene Rehabilitation on Hemostasis (November 2010)

## Information Services

The Illinois Fire Service Institute Library is one of the top three fire service libraries in the U.S. and the only fire-science library in Illinois.

Since 1999, \$312,252 of grants have been awarded by the Illinois State Library, a division of the Office of Secretary of State and other agencies, to the IFSI Library.

The library has over 60,000 items covering hazmat, natural disasters, emergency management, and firefighting, as well as several featured digital databases.



# 伊利诺伊消防学院概况

## 消防员培训

自1925年以来，来自全美国的消防员和其他第一应急人员依赖伊利诺伊消防学院提供最优质的教育和培训

香槟校区28英亩的训练场地代表着美国为数不多仍在使用真实火灾培训的场地

超过15,274小时网上、校区和全州各区域训练场课时

超过65,696名来自伊利诺伊、美国、和世界各地的学生参加过伊利诺伊消防学院的培训，教授535,594学生小时

## 课程

- 农业灭火救援
- 密闭空间救援
- 快速干预培训
- 消防灭火（基础至高级）
- 危化物品
- 国家应急管理系统
- 工业专职消防队
- 检测
- 火灾调研
- 国家消防学院课程
- 消防员指挥官培训
- 火灾预防
- 丙烷，石油和气体消防
- 绳索救援
- 房屋倒塌救援
- 沟渠救援
- 车辆机械救援
- 野生火灾消防灭火



## 在线教学

伊利诺伊消防学院在线教育的目标是提供每个认知水平课程的在线课程

3种授课形式：自学或独立学习，在线课程和消防部门实践培训结合，在线课程和参加伊利诺伊消防培训服务学院周末培训结合

在线学习也提供消防队员的基本认证课程

在线教学所提供的课程有：

- 自闭症认知
- 基础消防员/国家消防协会消防员 I
- 乙醇认知
- 消防设备工程师在线
- 消防车辆操作
- 火源和火灾原因的认知
- 危化品认知在线
- 救援技术认知

## 证书及学位项目：

作为州的法定消防培训服务学院，该学院拥有符合州及国家标准的高质量课程。该学院也对州和国家机构认可的各级消防和应急管理课程颁发证书，消防队员持证上岗。

自2010年七月一日与派克兰大学合作以来，很多消防学院课程可以提供大学学分。课程可以提供学生学分或职业学分。

网站：

<http://www.fsi.illinois.edu/content/distance%20learning/>

## 科研研究

21,000平方英尺的学习资源和研究中心设有消防员生命安全研究中心。

研究所的研究工作集中在消防员的卫生和健康，突发事件管理和设备技术领域。

IFSI的研究由经验丰富的科学家进行，他们的应用研究致力于解决应急人员面临的现实健康和安全挑战。

研究报告 (<http://www.fsi.illinois.edu/content/research/papers/>)

消防员伤亡——热应激和个人保护装备作用（2008年6月）

消防和现场康复对止血的影响（2010年11月）

## 信息资源服务

伊利诺伊消防服务培训学院图书馆是全美排名前三的消防图书馆，也是伊利诺伊州唯一的火灾科学图书馆。

自1999年至今，伊利诺伊州州立图书馆（下属州务卿办公室）及其他单位授予学院图书馆\$312,252美元的资助和支持。

图书馆有超过60,000册的藏书，包含了危化品、自然灾害、应急管理和消防灭火等方面的资料，另外还拥有多个特色收藏数据库。